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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of  
LARSSON ET AL.

Atty. Ref.: 2483-53

Serial No. Unknown

TC/A.U.: Unknown

Filed: June 14, 2006

Examiner: Unknown

For: METHOD AND APPARATUS IN A MIMO BASED COMMUNICATION  
SYSTEM

\* \* \* \* \*

June 14, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO/SB/08a. A copy of each listed foreign patent document and article is attached.

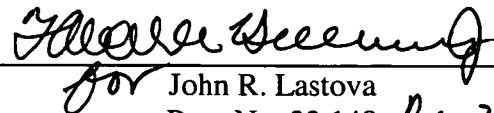
This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

The Examiner is requested to initial the attached form PTO/SB/08a and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

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## INFORMATION DISCLOSURE

### CITATION

ATTY. DOCKET NO.

SERIAL NO.

2483-53

Unknown **10 / 582997**

**APPLICANT**

LARSSON ET AL.

FILING DATE

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June 14, 2006

Unknown

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

/LN/	International Search Report for PCT/SE2004/001358 dated 22 December 2004.
/LN/	Hwang et al., <i>A random beamforming technique in MIMO systems exploiting multiuser diversity</i> , IEEE International Conference on Communications, 2003, ICC '03, 11-15 May 2003, vol. 5, pp. 3225-3229.
/LN/	Dong et al., <i>Opportunistic transmission scheduling for multiuser MIMO systems</i> , 2003 IEEE International Conference on Acoustics, Speech, and Signal Processing, 2003, Proceedings (ICASSP '03), 6-10 April 2003, vol. 5, pp. V65-V68.
/LN/	Heath et al., <i>Multiuser diversity for MIMO wireless systems with linear receivers</i> , Conference Record of the Thirty-Fifth Asilomar Conference on Signals, Systems and Computers, 2001, 4-7 November 2001, Vol. 2, pp. 1194-1199.

\*Examiner

/Leon Viet Nguyen/

Date Considered

06/08/2009

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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